FULL SEARCH HISTORY

Ri = Carboxylic
Rh = transition metal

```
=> d his nofile

        (FILE 'HOME' ENTERED AT 14:52:22 ON 03 DEC 2007)

        FILE 'REGISTRY' ENTERED AT 14:52:31 ON 03 DEC 2007
                 D SAV
                 ACT CUTREG821/A
                 ---------
L1               SCR 1838 AND 1992 AND 2004
L2               SCR 1840
L3               SCR 1568 OR 1597
L4               SCR 2008 OR 1996
L5               SCR 1918 OR 2043
L6               STR
L7         2417 SEA SSS FUL L6 AND L1 AND L3 NOT (L5 OR L2 OR L4)
                 ---------

        FILE 'LREGISTRY' ENTERED AT 14:53:07 ON 03 DEC 2007
L8               STR L6

        FILE 'REGISTRY' ENTERED AT 14:54:53 ON 03 DEC 2007
L9            0 SEA SSS SAM L8
L10          50 SEA SUB=L7 SSS SAM L8

        FILE 'LREGISTRY' ENTERED AT 14:56:35 ON 03 DEC 2007
                 D QUE STAT L10
L11              STR L8
L12              STR L8

        FILE 'REGISTRY' ENTERED AT 14:58:34 ON 03 DEC 2007
L13          50 SEA SUB=L7 SSS SAM L11
L14        1243 SEA SUB=L7 SSS FUL L11
                 D QUE STAT
                 D QUE STAT L12
L15          40 SEA SUB=L7 SSS SAM L12
L16         586 SEA SUB=L7 SSS FUL L12
                 SAV L16 CUTREG821B/A
                 D QUE STAT

        FILE 'CASREACT' ENTERED AT 15:08:44 ON 03 DEC 2007
                 D QUE L12
                 D QUE L11
L17              STR L12
L18           0 SEA SSS SAM L17 (      0 REACTIONS)
L19              STR L17
L20           0 SEA SSS SAM L19 (      0 REACTIONS)

        FILE 'REGISTRY' ENTERED AT 15:15:20 ON 03 DEC 2007
                 D QUE STAT L14
L21         130 SEA ABB=ON  PLU=ON  L14 AND CASREACT/LC
                 D QUE STAT
                 D QUE STAT L16
                 D QUE STAT L***
                 D QUE STAT L***
                 D QUE STAT L16
                 D QUE STAT L20
L22          87 SEA ABB=ON  PLU=ON  L16 AND CASREACT/LC
                 D QUE STAT

        FILE 'CASREACT' ENTERED AT 15:22:40 ON 03 DEC 2007
L23           0 SEA ABB=ON  PLU=ON  L22/RCT(L)L21/PRO

        FILE 'HCAPLUS' ENTERED AT 15:27:38 ON 03 DEC 2007
L24         244 SEA ABB=ON  PLU=ON  L14/P
```

```
                D QUE STAT L14
L25         225 SEA ABB=ON  PLU=ON  L16/RACT
                D QUE STAT
L26          12 SEA ABB=ON  PLU=ON  L24 AND L25
                E CATALYST/CT
L27             QUE ABB=ON  PLU=ON  CAT OR CATALY?
L28           3 SEA ABB=ON  PLU=ON  L26 AND L27
                D SCAN


     FILE 'REGISTRY' ENTERED AT 15:31:46 ON 03 DEC 2007
                E 12092-47-6/RN
L29           1 SEA ABB=ON  PLU=ON  12092-47-6/RN
L30           1 SEA ABB=ON  PLU=ON  7440-16-6/RN


     FILE 'HCAPLUS' ENTERED AT 15:32:58 ON 03 DEC 2007


     FILE 'REGISTRY' ENTERED AT 15:33:30 ON 03 DEC 2007
                SET SMARTSELECT ON
L31             SEL PLU=ON  L29 1- CHEM :      34 TERMS
                SET SMARTSELECT OFF


     FILE 'HCAPLUS' ENTERED AT 15:33:31 ON 03 DEC 2007
L32        2808 SEA ABB=ON  PLU=ON  L31
L33           0 SEA ABB=ON  PLU=ON  L26 AND L32
L34       57652 SEA ABB=ON  PLU=ON  L30 OR (RH OR RHODIUM)(2A)(METAL?
                OR CAT OR CATALY? OR PROMOT?)
L35           2 SEA ABB=ON  PLU=ON  L26 AND L34
                D 1-2 KWIC
L36          12 SEA ABB=ON  PLU=ON  L26 OR L28 OR L35
                SAV L36 CUT821HCAP/A
                D QUE STAT L23
                D QUE STAT L36
L37          12 DUP REM L23 L36 (0 DUPLICATES REMOVED)
                    ANSWERS '1-12' FROM FILE HCAPLUS
                D L37 1-12 IBIB ED ABS HITSTR HITIND
```